

NOVEL MOLECULES OF THE PYRIN/NBS/LRR PROTEIN FAMILY AND USES THEREOF

Abstract of the Disclosure

Novel PYRIN-2, PYRIN-3, PYRIN-5, PYRIN-6, PYRIN-7, PYRIN-8, PYRIN-10, and PYRIN-11 polypeptides, proteins, and nucleic acid molecules are disclosed. In addition to isolated PYRIN-2, PYRIN-3, PYRIN-5, PYRIN-6, PYRIN-7, PYRIN-8, PYRIN-10, and PYRIN-11 proteins, the invention further provides PYRIN-2, PYRIN-3, PYRIN-5, PYRIN-6, PYRIN-7, PYRIN-8, PYRIN-10, and PYRIN-11 fusion proteins, antigenic peptides and anti-PYRIN-2, -PYRIN-3, -PYRIN-5, -PYRIN-6, -PYRIN-7, -PYRIN-8, -PYRIN-10, and -PYRIN-11 antibodies. The invention also provides PYRIN-2, PYRIN-3, PYRIN-5, PYRIN-6, PYRIN-7, PYRIN-8, PYRIN-10, and PYRIN-11 nucleic acid molecules, recombinant expression vectors containing a nucleic acid molecule of the invention, host cells into which the expression vectors have been introduced and non-human transgenic animals in which a PYRIN-2, PYRIN-3, PYRIN-5, PYRIN-6, PYRIN-7, PYRIN-8, PYRIN-10, or PYRIN-11 gene has been introduced or disrupted. Diagnostic, screening and therapeutic methods utilizing compositions of the invention are also provided.

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